

Page 1 of 7
#7
16
14
RECEIVED
DEC 17 2001
TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,121

DATE: 11/09/2001

TIME: 08:22:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

3 <110> APPLICANT: Sidelman, Zvi
5 <120> TITLE OF INVENTION: CASEIN DERIVED PEPTIDES AND USES THEREOF IN THERAPY
7 <130> FILE REFERENCE: 01/22453
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/942,121 *pv*
C--> 9 <141> CURRENT FILING DATE: 2001-10-17
9 <150> PRIOR APPLICATION NUMBER: IL 134830
10 <151> PRIOR FILING DATE: 2000-03-01
12 <150> PRIOR APPLICATION NUMBER: PCT/IL01/00198
13 <151> PRIOR FILING DATE: 2001-03-01
15 <160> NUMBER OF SEQ ID NOS: 25
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 2
21 <212> TYPE: PRT
22 <213> ORGANISM: Artificial sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Synthetic peptide ✓
27 <400> SEQUENCE: 1
29 Arg Pro
30 1
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 3
35 <212> TYPE: PRT
36 <213> ORGANISM: Artificial sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Synthetic peptide ✓
41 <400> SEQUENCE: 2
43 Arg Pro Lys
44 1
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 4
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Synthetic peptide ✓
55 <400> SEQUENCE: 3
57 Arg Pro Lys His
58 1
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 5
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Synthetic peptide ✓
69 <400> SEQUENCE: 4
71 Arg Pro Lys His Pro
72 1 5

ENTERED

RAW SEQUENCE LISTING

DATE: 11/09/2001

PATENT APPLICATION: US/09/942,121

TIME: 08:22:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

75 <210> SEQ ID NO: 5
76 <211> LENGTH: 6
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic peptide
83 <400> SEQUENCE: 5
85 Arg Pro Lys His Pro Ile
86 1 5
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 7
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetic peptide
97 <400> SEQUENCE: 6
99 Arg Pro Lys His Pro Ile Lys
100 1 5
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 8
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetic peptide
111 <400> SEQUENCE: 7
113 Arg Pro Lys His Pro Ile Lys His
114 1 5
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 9
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic peptide
125 <400> SEQUENCE: 8
127 Arg Pro Lys His Pro Ile Lys His Gln
128 1 5
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 10
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic peptide
139 <400> SEQUENCE: 9
141 Arg Pro Lys His Pro Ile Lys His Gln Gly
142 1 5 10
145 <210> SEQ ID NO: 10
146 <211> LENGTH: 11
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,121

DATE: 11/09/2001

TIME: 08:22:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

150 <220> FEATURE:
151 <223> OTHER INFORMATION: Synthetic peptide
153 <400> SEQUENCE: 10
155 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu
156 1 5 10
159 <210> SEQ ID NO: 11
160 <211> LENGTH: 12
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic peptide
167 <400> SEQUENCE: 11
169 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro
170 1 5 10
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 13
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic peptide
181 <400> SEQUENCE: 12
183 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln
184 1 5 10
187 <210> SEQ ID NO: 13
188 <211> LENGTH: 14
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic peptide
195 <400> SEQUENCE: 13
197 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu
198 1 5 10
201 <210> SEQ ID NO: 14
202 <211> LENGTH: 15
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Synthetic peptide
209 <400> SEQUENCE: 14
211 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val
212 1 5 10 15
215 <210> SEQ ID NO: 15
216 <211> LENGTH: 16
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic peptide
223 <400> SEQUENCE: 15
225 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu

RAW SEQUENCE LISTING

DATE: 11/09/2001

PATENT APPLICATION: US/09/942,121

TIME: 08:22:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

RECEIVED
 DEC 17 2001
 TECH CENTER 1600/2900

```

226 1          5          10          15
229 <210> SEQ ID NO: 16
230 <211> LENGTH: 17
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic peptide
237 <400> SEQUENCE: 16
239 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
240 1          5          10          15
243 Asn
247 <210> SEQ ID NO: 17
248 <211> LENGTH: 18
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Synthetic peptide
255 <400> SEQUENCE: 17
257 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
258 1          5          10          15
261 Asn Glu
265 <210> SEQ ID NO: 18
266 <211> LENGTH: 19
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Synthetic peptide
273 <400> SEQUENCE: 18
275 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
276 1          5          10          15
279 Asn Glu Asn
283 <210> SEQ ID NO: 19
284 <211> LENGTH: 20
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Synthetic peptide
291 <400> SEQUENCE: 19
293 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
294 1          5          10          15
297 Asn Glu Asn Leu
298          20
301 <210> SEQ ID NO: 20
302 <211> LENGTH: 21
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Synthetic peptide
309 <400> SEQUENCE: 20

```

RAW SEQUENCE LISTING

DATE: 11/09/2001

PATENT APPLICATION: US/09/942,121

TIME: 08:22:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

```

311 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
312 1          5          10          15
315 Asn Glu Asn Leu Leu
316          20
319 <210> SEQ ID NO: 21
320 <211> LENGTH: 22
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: Synthetic peptide
327 <400> SEQUENCE: 21
329 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
330 1          5          10          15
333 Asn Glu Asn Leu Leu Arg
334          20
337 <210> SEQ ID NO: 22
338 <211> LENGTH: 23
339 <212> TYPE: PRT
340 <213> ORGANISM: Artificial sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Synthetic peptide
345 <400> SEQUENCE: 22
347 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
348 1          5          10          15
351 Asn Glu Asn Leu Leu Arg Phe
352          20
355 <210> SEQ ID NO: 23
356 <211> LENGTH: 24
357 <212> TYPE: PRT
358 <213> ORGANISM: Artificial sequence
360 <220> FEATURE:
361 <223> OTHER INFORMATION: Synthetic peptide
363 <400> SEQUENCE: 23
365 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
366 1          5          10          15
369 Asn Glu Asn Leu Leu Arg Phe Phe
370          20
373 <210> SEQ ID NO: 24
374 <211> LENGTH: 25
375 <212> TYPE: PRT
376 <213> ORGANISM: Artificial sequence
378 <220> FEATURE:
379 <223> OTHER INFORMATION: Synthetic peptide
381 <400> SEQUENCE: 24
383 Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val Leu
384 1          5          10          15
387 Asn Glu Asn Leu Leu Arg Phe Phe Val
388          20          25
391 <210> SEQ ID NO: 25

```

VERIFICATION SUMMARY

DATE: 11/09/2001

PATENT APPLICATION: US/09/942,121

TIME: 08:22:43

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11092001\I942121.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date